

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of  
Jasjit S. SURI et al.

Serial No.: 10/010,773

Filed: November 13, 2001

For: **ANGIOGRAPHY METHOD  
AND APPARATUS**

Date of Last Office Action:  
March 2, 2004

Attorney Docket No.:  
PKRZ 2 00702 /PHUS017044US

) Examiner: E. MANTIS MERCADER

) Art Unit: 3737

) Confirmation: 2745

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) Cleveland, OH 44114  
) June 2, 2004

37 CFR 1.97(c)

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

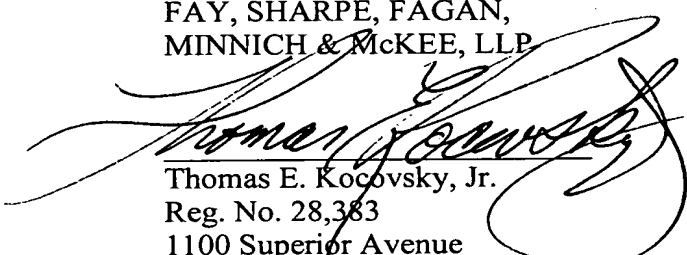
At the present time, the applicants wish to bring the enclosed references to the attention of the Examiner. The applicants ask that the Examiner consider these references. Copies of the cited references are enclosed. The applicants also enclose a form PTO-1449 listing the cited references for the Examiner's convenience

A check in the amount of \$180.00 for the 37 CFR 1.17(p) submission fee is enclosed.

An allowance of all claims and an indication that the references have been considered is requested.

Respectfully submitted,

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	)	
Attorney Docket No.:	)	Cleveland, OH 44114
PKRZ 2 00702 /PHUS017044US	)	June 2, 2004

**CERTIFICATE OF MAILING**

I hereby certify that this **37 CFR 1.97(d) INFORMATION DISCLOSURE STATEMENT** in connection with U.S. Patent Application Serial No. 10/010,773 is being deposited with the United states Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 2, 2004.

By: *Dilary M McNulty*

<b>Subst. Form PTO-1449</b>  <b>APPLICANT(S)' INFORMATION</b> <b>DISCLOSURE STATEMENT</b>		<b>Atty. Dkt No.:</b> PKRZ 2 00702  <b>Applicant(s):</b> SURI et al.  <b>Filing Date:</b> November 13, 2001		<b>Serial No.:</b> 10/010,773  <b>Group:</b> 3737 <b>Confirmation:</b> 2745	
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U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Subcl.	Filing Date
	AA	6,073,042	06/06/2000	Simonetti	600	420	09/25/1997
	AB	6,058,218	05/02/2000	Cline	382	254	11/10/1997
	AC	5,832,134	11/03/1998	Avinash, et al.	382	257	11/27/1996
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OTHER ART		
	AH	Stein, et al. "Tracing of Thin Tubular Structures in Computer Tomographic Data", Computer Aided Surgery 3:83-88 (1998)
	AI	Sato, et al., "Three-Dimensional Multi-Scale Line Filter For Segmentation and Visualization of Curvilinear Structures in Medical Images", Medical Image Analysis (1998) V. 2, N. 2 pp 143-168
	AJ	Anderson, et al., "Artifacts in Maximum-Intensity-Projection Display of MR Angiograms", AJR 154:623-629 March 1990
	AK	Suri, et al., "Shape Recovery Algorithms Using Level Sets in 2-D/3-D Medical Imagery: A State-of-the-Art Review", IEEE Trans. On Information Technology in Biomedicine, V. 6, N. 1, Mar. 2002
	AL	Suri, "2-D Fast MR Brain Segmentation", Int'l Journal of Engineering in Medicine & Biology (EMBS) V. 20, N. 4, pp. 84-95, July/Aug 2001
	AM	Suri, "White Matter/Gray Matter Boundary Segmentation Using Geometric Snakes: A Fuzzy Deformable Model", Singh, et al. (Eds.): ICAPR 2001, LNCS 2013, pp. 331-338, 2001
	AN	Wust, et al., "Evaluation of Segmentation Algorithms For Generation of Patient Models in Radiofrequency Hyperthermia", Phys. Med. Biol. 43 (1998) 3295-3307

Examiner:	Date Considered:
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

**CERTIFICATE OF MAILING**

I hereby certify that this PTO-1449 and references in connection with U.S. Patent Application Serial No. 10/010,733 are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 2<sup>nd</sup> day of June, 2004.

By: Shirley McNeulty